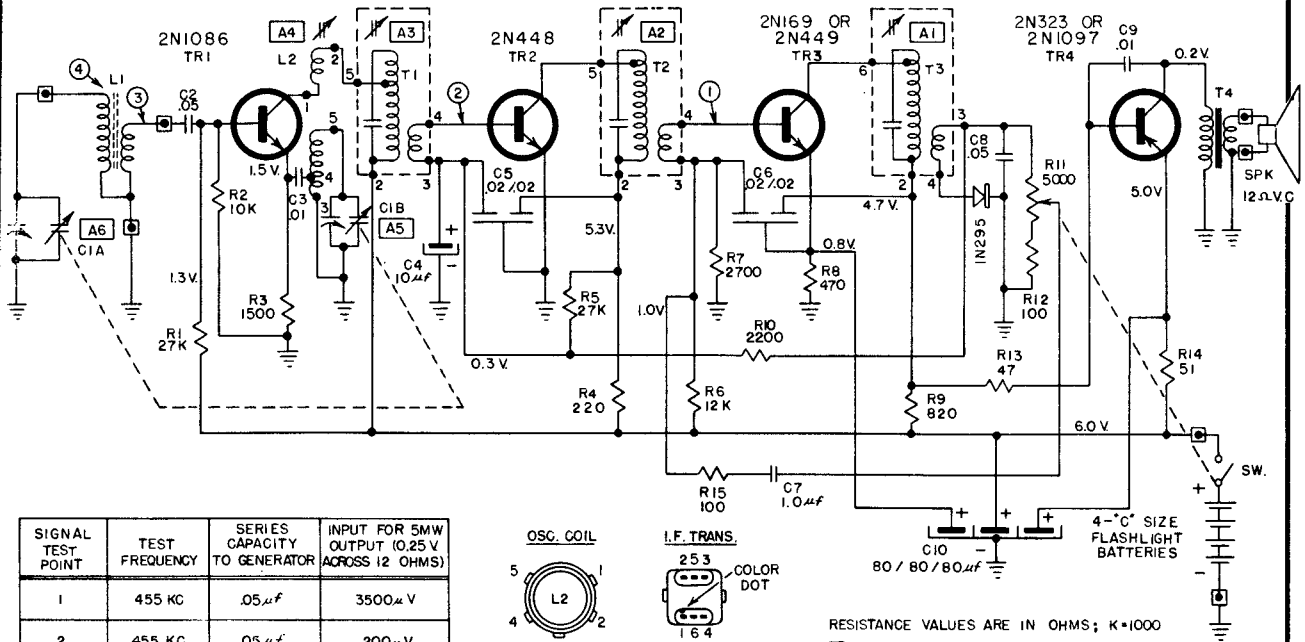
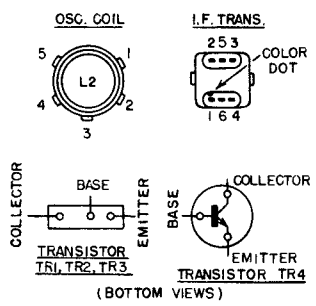


ARVIN Industries Model 7595, Chassis 1.47200



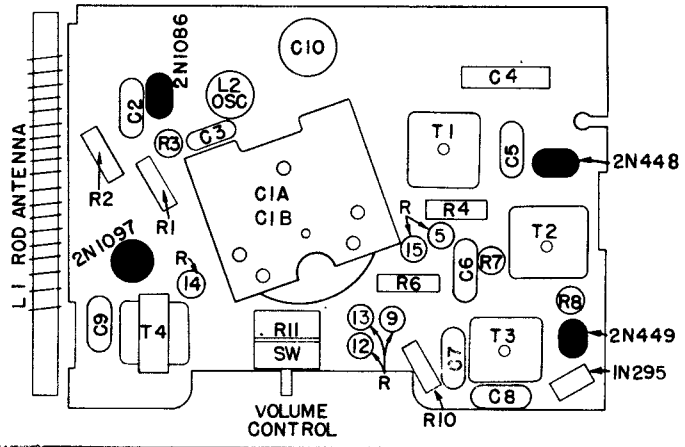
SIGNAL TEST POINT	TEST FREQUENCY	SERIES CAPACITY TO GENERATOR	INPUT FOR 5MW OUTPUT (0.25 V ACROSS 12 OHMS)
1	455 KC	.05 μ f	3500 μ V
2	455 KC	.05 μ f	200 μ V
3	455 KC	.05 μ f	8 μ V
4	1000 KC	STANDARD LOOP	500 μ V / M



RESISTANCE VALUES ARE IN OHMS; K=1000
 □ = EXTERNAL CONNECTIONS TO PRINTED CIRCUIT.

CAPACITANCE VALUES LESS THAN 10 ARE IN MICROFARADS (μ f), AND VALUES GREATER THAN 10 ARE IN MICRO-MICROFARADS ($\mu\mu$ f) EXCEPT WHERE NOTED.

VOLTAGE READINGS TO COMMON GROUND ARE MEASURED WITH VACUUM TUBE VOLTMETER UNDER NO SIGNAL CONDITIONS WITH TUNING CAPACITOR CLOSED AND VOLUME CONTROL AT MAXIMUM CLOCKWISE ROTATION.



ALIGNMENT PROCEDURE

Output meter connected across voice coil. Generator modulation 30% at 400 cycles. Volume control in fully clockwise position.

Position of Variable	Generator Frequency	Dummy Antenna	Generator Connections	Trimners Adj. in order shown for Max. Output	Function of Trimmer
Open	455 Kc	.05 μ f	C1A	A1 (Top of T3) A2 (Top of T2) A3 (Top of T1)	I. F. I. F. I. F.
Open	1670 Kc		*Test Loop	A5	Oscillator
1400 Kc	1400 Kc		*Test Loop	A6	Antenna
600 Kc	600 Kc		*Test Loop	Check Point	

*Standard Hazeltine Test Loop Model 1150 or 3 turns of wire about 6" in diameter placed about one foot from the set loop.